

*1. In a self-draining, leak-resistant boat window, in combination:*

- a) a frame body comprising a continuous mounting flange for engagement with an inner surface surrounding an opening in the wall of a boat,*
- b) said body including a spigot connected with said flange and defining the window opening and having a lower portion characterized by an upwardly-facing drain surface constituting a sill, said spigot being adapted to extend through said wall opening of the boat,*
- c) a window pane for closing off the window opening formed by the spigot, and*
- d) means hingedly connecting said window pane to said mounting flange,*
- e) said sill of the spigot having a downwardly offset portion provided with a sloping, upwardly-open drain groove extending from a high location closely adjacent said mounting flange to a low location disposed remote from the mounting flange.*

*2. The invention as defined in claim 1, wherein:*

- (a) the mounting flange has opposite, upstanding portions at the ends of the sill,*
- (b) said sill having an additional downwardly-offset portion and a sloping, upwardly-open drain groove similar to said first-mentioned offset portion and groove,*
- (c) said offset portions and grooves being disposed at the end portions of the sill adjacent the upstanding flange portions.*

*3. The invention as defined in claim 1, wherein:*

- (a) the bottom wall of the drain groove is curvilinear lengthwise, and is concave.*

6. The invention as defined in claim 1, wherein:

P, (a) the downwardly offset portion of the spigot is generally of U-shaped cross section, taken vertically.

7. The invention as defined in claim 1, wherein:

P, (a) the mounting flange has a continuous groove extending in its upper, side and lower portions and adapted to receive the frame of a screen,

P, (b) said drain groove extending closely adjacent the lower portion of said continuous groove.

8. The invention as defined in claim 5, and further including:

P, (a) a screen comprising a screen frame,

L, (b) the inner periphery of said screen frame having a drainage notch adjacent the location of said upwardly-open drain groove such that water occupying the area between the screen and window pane can drain through the notch and into the drain groove of the sill.

9. The invention as defined in claim 8, and further including:

P, (a) a screen comprising a screen frame,

L, (b) the outer periphery of said screen frame having a drainage notch adjacent the location of said upwardly-open drain groove such that water occupying the area between the screen and window pane can drain through the notch and into the drain groove of the sill.

10. The invention as defined in claim 1, wherein:

P, (a) the mounting flange has a continuous groove extending in its upper, side and lower portions, and adapted to receive the frame of a screen,

P, (b) said drain groove intersecting and communicating with the lower portion of said continuous groove such that water occupying the latter can run directly into the drain groove.

11. The invention as defined in claim 1, and further including:

(a) a screen comprising a screen frame of generally L-shaped cross section,

(b) the base of said L having a drainage notch adjacent the location of said upwardly-open drain groove such that water occupying the area between the screen and window pane can drain through the notch and into the drain groove of the sill.

12. The invention as defined in claim 1, and further including:

(a) a screen comprising a screen frame of generally L-shaped cross section,

(b) the body of said L having a drainage notch adjacent the location of said upwardly-open drain groove such that water occupying the area between the screen and window pane can drain through the notch and into the drain groove of the sill.

13. The invention as defined in claim 1, and further including:

(a) a sealing gasket carried by the mounting flange, adapted to be engaged by the window pane, and having a portion extending adjacent to the sill,

(b) the said gasket portion being disposed above the level of the highest part of the upwardly-open drain groove such that water which is splashed onto the said gasket portion can drain by gravity, into the said drain groove.

add

(a) (b)

add

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